EPA REGISTRATION NUMBER 71995-25 – VOLUME 2

Material to be added to a Mini-Jacket (in the case where an e-Jacket exists)

Reg. No
Send to SIG: check box
This material is:
 New stamped-accepted label New CSF Notification Final Printed Label Other:
Instructions: Attach this notice on top of the material. It must be clipped all together and there should be NO STAPLES in the material. Then give the material with this coversheet to staff in the Information Services Center (Room 230).
Reviewer's Name: Vickie /c Walters
Phone: 703-305-5704 Division: RDIHBIPM-25
Date:

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, D.C. 20460



OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

Ms. Rhonda M. Mannion Monsanto Company 1300 I (Eye) Street, N.W., Suite 450 East Washington, DC 20005

Dear Ms. Mannion:

Subject: Roundup Weed & Grass Killer Super Concentrate (Add Stem Injection for Control of Several Weeds)

EPA Registration No. 71995-25 Application Dated August 6, 2006

The labeling referred to above, submitted above in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended is acceptable, provided you make the following changes before you release the product for shipment.

- 1. Delete the phrase "or similar areas" from the fourth paragraph and replace with a list of specific use sites.
- 2. Add the statement "Based on the maximum annual use rat of glyphosate for these non-crop sites, the combined total of all treatments must not exceed 8.5 quarts of this product" to your label.

Submit one (1) copy of your final printed labeling incorporating the above changes before you release the product for shipment. Amended labeling supersedes all previously accepted ones. A stamped copy of labeling is enclosed for your records.

Supplemental labeling must be incorporated into master labeling and copies of master labeling submitted to the Agency for our files, at your next printing or within two years from the date of acceptance of supplemental labeling, whichever comes first. The Agency will consider a convincing argument as to why a supplemental label should not appear on a master label on a case by case basis.

Sincerely,

James A. Tompkins for Product Manager 25
Herbicide Branch
Registration Division (7505)

SUPPLEMENTAL LABELING

READ THE ENTIRE LABEL FOR ROUNDUP WEED & GRASS KILLER SUPER CONCENTRATE BEFORE PROCEEDING WITH THE USE DIRECTIONS CONTAINED IN THIS SUPPLEMENTAL LABELING.

When using Roundup Weed & Grass Killer Super Concentrate as permitted according to this supplemental labeling, read and follow all applicable directions, restrictions, and precautions on the pesticide container label and on this supplemental labeling.

Roundup Weed & Grass Killer Super Concentrate

EPA Reg. No. 71995-25

Roundup and Roundup and design are registered trademarks of Monsanto Technology LLC.

FOR CONTROL OF JAPANESE KNOTWEED (Polygonum cuspidatum), BOHEMIAN KNOTWEED (Polygonum bohemica), GIANT KNOTWEED (Polygonum sachalinense), CANADA THISTLE (Cirsium arvense), FIELD HORSEWEED (Equisetum arvense), GIANT HOGWEED (Heracleum mantegazzianum), AND POISON HEMLOCK (Conium maculatum) USING STEM INJECTION

Keep out of reach of children.

CAUTION!

In case of an emergency involving this product, Call Collect, day or night 800-246-7219.

ACCEPTED

NOV 1 5 2006

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in any manner inconsistent with its labeling.

This label must be in the possession of the user at the time of herbicide application.

Japanese, Bohemian and Giant Knotweed, Canada Thistle, Field Horseweed, Giant Hogweed and Poison Hemlock are noxious weeds that are difficult to control using traditional weed management practices. Control of these weeds requires a concentrate dose of Roundup Weed & Grass Killer Super Concentrate to be directly injected into the stem of the weed. Use only suitable injection equipment such as the JKinjection equipment from www.JKinjectiontools.com. Use leather gloves during application to provide protection against accidental injection. NOTE: Ensure that the injection needle penetrates completely into the stem to allow the herbicide to enter the plant and prevent spillage onto the ground.

This product may be used to control weeds found growing in terrestrial residential, and other similar noncrop sites. These sites may include residential gardens, private properties, private parks, unimproved terrestrial sites, natural areas, or similar non-public sites. **IMPORTANT:** This product should not be used where plants are growing in water.

Japanese, Bohemian, and Giant Knotweeds

Treated plants should be actively growing and reach a size that allows the injection tool to penetrate and dispense the metered amount entirely within the internode injected. Generally, plants that reach a height of greater than 6 feet have the stem diameter to allow successful injections.

Inject 6 mls (cc) of this product below the 2nd or 3rd node above the ground of each stem in the clump. When used properly the equipment described will allow the herbicide to enter the internode cavity.

Under the Federal Insecticide, Fungicide, and Rodentidde Act, as amended for the pesticide registered under EPA Reg. No. 7/495-25

Other Weeds

Canada Thistle. Inject 0.4ml (cc) of Roundup Weed & Grass Killer Super Concentrate into a freshly cut stem.

Field Horseweed. Inject 0.2 ml (cc) of Roundup Weed & Grass Killer Super Concentrate per horseweed stem near the base.

Giant Hogweed. Prepare a 5% stock solution by adding 7 fluid ounces (14 Tbs) of Roundup Weed & Grass Killer Super Concentrate to 1 gallon of water. Inject 6 ml (cc) of the <u>5% stock solution</u> per single plant of giant hogweed.

Poison Hemlock. Prepare a 5% stock solution by adding 7 fluid ounces(14 Tbs) of Roundup Weed & Grass Killer Super Concentrate to 1 gallon of water. Inject 5 ml (cc) of a <u>5% stock solution</u> per single plant of poison hemlock.



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MONSANTO COMPANY

1900 I (Eye) STREET, NW SUITE 430 EAST WASHINGTON, D.C. 20005 PHOINE (202) 383-2866 FAX (202) 789-1748 http://www.monsanto.com

7 August 2006

Hand Delivered

Document Processing Center (AMEND)
Office of Pesticide Programs (7504P)
U.S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202-4501

Attention:

Mr. Jim Tompkins (7505P)

Product Manager (Team 25)

Subject:

Reg. No. 71995-25: Submission of Supplemental Labeling for the Control of

Knotweed, Thistle, Horseweed, Hogweed, and Poison Hemlock.

Dear Mr. Tompkins:

Monsanto is herein requesting the Agency approve a new supplemental label for *Roundup®* Weed & Grass Killer Super Concentrate (Reg. No. 71995-25) for the control of Japanese, Bohemian and Giant Knotweed, Canada Thistle, Field Horseweed, Giant Hogweed and Poison Hemlock using stem injection.

The spread of invasive, and sometimes noxious, plants continue to threaten the balance and diversity of vegetation in residential, public and nature areas across the United States. Some invasive plants, such as Giant Hogweed and Poison Hemlock, also present a significant health hazard to the public. Giant Hogweed, in particular, poses a significant threat to the public because exposure to plant oils and sap can cause severe skin irritation and produce painful, burning blisters in susceptible populations. Poison Hemlock is moderate to highly toxic to animals, ingestion of plant leaves and seeds can result in poisoning and birth defects.

Stem injection of Roundup branded products has been shown to effectively control many invasive plant species. Stem injection is also preferred by many small, local conservation groups because it provides a concentrated lethal dose of active ingredient to the plant while minimizing contact with the plant and drift to adjacent desirable vegetation. Most injection treatments require less than 6 milliliters per plant. Based on a treatment rate of 6 milliliters per plant, a 2.5

gallon container of Roundup Pro (the smallest volume presently sold) would treat more than 1560 plants, substantially more treatments than a typical local conservation group needs. At the request of these conservation groups, Monsanto is seeking to register these stem injection uses on Roundup Weed & Grass Killer Super Concentrate (Reg. No. 71995-25) which is distributed in smaller unit volume containers.

Stem injection applications have been previously approved by the Agency on a similar glyphosate formulation; Roundup Pro Concentrate Supplemental Label for Hollow Stem Injection, Registration 524-529, approved by the Agency on 18 May 2006. Monsanto now wishes to add these stem injection uses to Roundup Weed & Grass Killer Super Concentrate, Reg. No. 71995-25, for the reasons stated above. The proposed rates for Roundup Weed & Grass Killer Super Concentrate are essentially the same as the rates approved for Roundup Pro Concentrate except some of the proposed injection rates are marginally higher (1 milliliter or less).

Monsanto considers this submission a fast track amendment with no data review, as such we do not anticipate a fee for completion of this action. Please address any fee requirement response to Regulatory.Affairs@Monsanto.com.

Enclosed with this letter are:

- Application for Pesticide Registration (Form 8570-1) OPP ID 307457
- Five copies of the proposed Supplemental Label for Roundup Weed & Grass Killer Super Concentrate (Reg. No. 71995-25)

Should you have any questions, please contact Dr. Russ Schneider at our Washington office (202) 783-2460 or me directly at (314) 694-8785 or rhonda.m.mannion@monsanto.com.

Sincerely.

Rhonda M. Mannion Registration Manager

Rhunda M Wannen

cc: R. Schneider / DC Office J. Lambert / A2NC Regulatory File Copy

United States

	Registratio
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OPP Identifier Number

VEFA		ntal Protection shington, DC 204		Amend	lment	307457
	A	pplication fo	r Pesticide – Se			
Company/Product Numb EPA Reg. No. 7199	er		2. EPA Product Ma		3. P	roposed Classification
4.Company/Product (Name) Roundup Weed & Gra		entrate	PM #	25		None Restricted
 Name and Address of Ag Monsanto Company 1300 I (Eye) N.W., S Washington, DC 200 	uite 450 East	е)	product is similar or EPA Reg. No	r identical in compos		A Section 3(c)(3) (b)(i), my beling to:
Check if this is a new a	address		Product Name			
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Amendment – Explai	ponse to Agency letter da	ated	Agency let	ed labels in respons ter dated Application. oplain below.	e to	
Explanation: Use addition Submission of new supplem Regulatory						
		S	ection - III			
1. Material This Product W	ill Be Packaged In:					
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* Certification must be submitted	If "Yes" Unit Packaging wgt.	4.2010.000000000000000000000000000000000	"Yes" No. per ackage wgt. Container		200	Plant Cells
3. Location of Net Contents Label Cont	Information tainer	4. Size(s) Retail Co	ontainer Various	5. Location of Lal On Label On Labeling		
6. Manner in Which Label is	Affixed to Product	Lithograph Paper glued Stenciled	Oth	er		
		S	ection - IV			
Contact Point (Complete	items directly below for ic	200.00	dual to be contacted, if ne	cessary, to process		THE RESERVE THE PARTY OF THE PA
Name Russell Schneider, Ph.	.D.	Title Dire	ector, Regulatory Affa	irs DC		No. (Include Area Code) (202) 783-2460
	knowingly false or misle		ments thereto are true, acc y be punishable by fine or			6. Date Application Received (Stamped)
2. Signature Rhynele M.		3. Tit Regi	le stration Manager			
4. Typed Name Rhonda M. Mannion	(314) 694-8785	5. Da Aug	ust 6, 2006			·.::·
EPA Form 8570-1 (Rev. 3-9	94) Previous editions ar	e obsolete.	White	- EPA File Copy (c	original)*	Yellow - Applicant Copy

Material to be added to a Mini-Jacket (in the case where an e-Jacket exists)

Reg. No
Send to SIG: check box
This material is: New stamped-accepted label New CSF
□ Notification □ Final Printed Label □ Other:
Instructions: Attach this notice on top of the material. It must be clipped all together and there should be NO STAPLES in the material. Then give the material with this coversheet to staff in the Information Services Center (Room 230).
Reviewer's Name: Vickie K Walters
Phone: 703-305-5704 Division: RDIHBIPM-25
Date:

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, D.C. 20460



OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

Ms. Rhonda M. Mannion Monsanto Company, Lawn & Garden Products 1300 I Street, N.W. Suite 450 East Washington, DC 20005

Dear Ms. Mannion:

Subject: Roundup Weed & Grass Killer Super Concentrate (Update First Aid and Other Changes)

EPA Registration No. 71995-25

Application Dated March 27, 2006

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended is acceptable. Amended labeling supersedes all previously accepted ones. A stamped copy of labeling is enclosed for your records.

Sincerely,

James A. Tompkins
Product Manger 25
Herbicide Branch
Registration Division (7505P)

[Editorial Notes: Bracketed text [] is for internal use or serves as a 'place holder' for graphics. Parenthetical text () denotes optional wording.]

[Refer to APPENDIX 1 for consolidated list of label claims.]

[Refer to APPENDIX 2 for packaging related claims/instructions]

Roundup® Weed & Grass Killer Super Concentrate

KEEP OUT OF REACH OF CHILDREN CAUTION

See back panel booklet for additional precautionary statements.

ACCEPTED MAY 1 8 2006

Under the Federal Insecticide, Fungicide, and Redanticide Act, as amended for the posticide registered under EPA Reg. No. 7/445-25

NET [__]

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71995-25

EPA Master Label Amendment Submission Dated 27-Mar-2006 Previous EPA Stamped Label Dated 16-Sep-2004

[OPTIONAL TEXT]
Open (booklet for details)
Resealable Label for directions & Precautions

Product Fa	cts						
Makes up to	[] gallons						
	[] sq ft (approx. size of [] tennis courts)						
[see Append	dix 2 for calculations]						
KILLS	[Illustrate grassy, broadleaf and woody weeds]						
WEEDS							
WHERE	On patios, walkways, driveways, gravel or mulch beds						
TO USE	Around fruits, vegetables, flowers, shrubs or trees						
	Along fences						
	In large areas - For lawn replacement						
	For garden plot preparation						
	(Other areas in (of) your yard)						
AMOUNT	For best results						
TO USE	 2½ fl oz (5 Tbs) per gallon of water (for established or tough weeds) 						
	 [OPTIONAL TEXT] For easy to kill weeds such as seedlings, add 1½ fl oz (3 Tbs) per gallon of water 						
[Phone icon]	Questions, Comments or Information [computer icon] Call (insert contact #) www.roundup.com						

[For products where an anti-theft device has been added] This bottle contains an antitheft device, either inside or on the back of the bottle. It does not affect Roundup's performance.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

HOW IT WORKS [Optional illustration] [Optional section]

[Insert brand name] enters plants through foliage and moves systemically to the roots, killing weeds by stopping the production of a substance found in plants. Any product

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(Roundup) [or insert brand name] not absorbed by plants breaks down into natural materials without moving in or on the soil to untreated plants. Weeds usually yellow and wilt within 2 to 4 days with complete kill in 1 to 2 weeks.

[ALTERNATE TEXT] Roundup [or Insert Brand Name] is absorbed by the weed's leaves. It moves through the weed to the root, stopping the production of an essential enzyme found in plants. Weeds die, roots and all - so weeds don't grow back. Kills only what you spray. Any product not absorbed by the plant breaks down into natural materials without moving in or on the soil to untreated plants.

MIXING INSTRUCTIONS

[Optional tank sprayer illustration]

Tank (Pump-Up) Sprayer (plastic, aluminum, fiberglass, plastic-lined steel or stainless steel)

- [OPTIONAL TEXT] For easy to kill weeds such as seedlings, add 1½ fl oz (3 Tbs) to 1 gallon of water
- (For tough established weeds / For best results,) add 2½ fl oz (5 Tbs) to 1 gallon of water
- Spot treat or spray evenly over 300 sq ft.
- [OPTIONAL TEXT] Roundup brand pump-up sprayer is recommended

[Optional DNS illustration]

Hose-End Sprayer

For large areas, consider using the Ortho Dial 'n Spray®

- Set dial to 2½ oz.
- To sprayer jar add 2½ fl oz (5 Tbs) for each 300 sq ft. DO NOT add water.
- · Spray evenly over measured area.
- After spraying, unused product can be poured back into its original container.

[Optional sprayer illustration]

Roundup 1.33 Gallon Sprayer

 Add entire contents of the 6.5 fl oz (13 Tbs) [Insert Brand Name for refill super concentrate] to the empty Roundup sprayer and fill with water.

OR

 Add 6.5 fl oz (13 Tbs) Roundup Super Concentrate to the empty Roundup sprayer and fill with water.

1 Tablespoon (Tbs) = 3 teaspoons (tsp)

1 fl oz = 2 Tbs

[OPTIONAL TEXT] For easy to kill weeds such as seedlings, add 1½ fl oz (3 Tbs) to 1 gallon of water

Do not (mix, store or) apply with (in) a galvanized or unlined steel (except stainless steel) sprayer, or through any irrigation system.

HOW TO CLEAN SPRAYER

To clean sprayer after use, rinse sprayer and all sprayer parts with water 3 times. Spray rinse water on bare soil or gravel. After cleaning, sprayer may be used for other products.

HOW TO APPLY [optional illustration]

- · Spray the weeds or grasses you want to kill until thoroughly wet.
- When spot treating weeds around desirable plants, shield plants from drift with a sheet (piece) of cardboard or plastic. If desirable plants are accidentally sprayed, rinse off immediately with water.

IMPORTANT

Do not spray plants or grasses you like - they will die. Not recommended for spot weed control in lawns since Roundup kills lawn grasses.

WHEN TO APPLY [OPTIONAL ILLUSTRATION]

- Apply when weeds are actively growing. (Use anytime weeds and grasses are actively growing.)
- For best results, apply during warm, sunny weather (above 60° F) (to accelerate systemic movement from foliage to roots.)
- Apply when air is calm to prevent drift to desirable plants.
- (RAINPROOF Protection:) Rain or watering (30, 45, 60, or 90 minutes; 2 hours, 1 hour; less than 1 hour; less than 60 minutes; less than 30 minutes) after application will NOT wash away effectiveness.
- [OPTIONAL TEXT] If used to control weeds around fruit or nut trees, caneberries, or grapevines, allow 17 days before harvesting.
- [OPTIONAL TEXT] Apply when weeds are small and before seeds form.
 Established (Hard to kill) weeds may require a repeat application.

[Re-entry icon] To prevent tracking product to unintended areas such as your yard, keep people and pets out of treated area until spray has dried.

[ALTERNATE TEXT] People and pets may enter treated area after spray has dried.

WHEN TO REPLANT [OPTIONAL ILLUSTRATION] [OPTIONAL SECTION]

- All ornamental flowers, trees and shrubs may be planted 1 day after application.
- Lawn grasses, herbs, vegetables (all), and fruits may be planted 3 days after application.

ADDITIONAL TIPS [OPTIONAL ILLUSTRATION] [OPTIONAL SECTION]

To Kill Vines

- If vines are growing up poles, fences, or tree trunks with mature bark, cut vines to a height of 3 to 4 feet and spray vines thoroughly.
- If vines are climbing shrubs or tree trunks with green bark, cut vines at base and treat as directed for stumps or spray regrowth. If spraying regrowth, shield shrubs and tree trunks from spray drift with a sheet (piece) of cardboard or plastic.

To Kill Bamboo

- Cut canes close to the ground.
- Make cut just below a stem joint to create a hollow stem reservoir.
- Pour 1 Tbs of undiluted product into the hollow stem reservoir.
- Browning of the canes will occur in 7-14 days.
- Spray foliage if regrowth occurs.

To Kill Stumps

- Cut living stump close to ground.
- Drive (drill) 4 to 5 holes into freshly cut stump.
- Immediately pour undiluted product into holes.

IMPORTANT: Some trees may share the same root system. Adjacent trees having a similar age, height and spacing may signal a shared roots system. Injury may occur to non-treated trees when one or more trees sharing common roots are treated.

For Lawn Replacement

Use [Insert brand name] to kill a (an old) lawn and (its) weeds before planting a new lawn.

Skip one mowing before spraying.

- Use 2½ fl oz (5 Tbs) per gallon of water for each 300 sq ft.
- If soil is dry, water before application and 2 to 3 days after application.
- If green patches remain after 7 days, reapply.
- Wait (at least) 3 days after last application to rake, till or replant with seed or sod.

Kudzu

For best results, apply in mid to late summer when vines are mature and actively growing.

Wild Blackberry

Spray anytime plants are actively growing. Dead canes should be cut down and removed. Reapplication is often required to kill deep roots.

Poison Ivy & Poison Oak

Contact with these plants anytime of the year can cause an allergic reaction. Spray anytime plants are actively growing, but at least 4 weeks before the first killing frost in the fall. Reapply, if new growth appears. Handle dead plants with rubber gloves. Dispose of plants and rubber gloves in tightly sealed garbage bags.

For Flowerbed & Garden (Plot) Preparation

Use [Insert brand name] to kill weeds, grasses and brush before planting flowers, fruits, vegetables or herbs.

- If soil is dry, water before application and 2 to 3 days after application.
- Use 2½ fl oz (5 Tbs) per gallon of water for each 300 sq ft. Apply evenly over treatment area.
- Wait 1-3 days before planting garden (flowers, trees and shrubs) See When To Replant section for details.

WHEN TO HARVEST [OPTIONAL ILLUSTRATION]

If used to control weeds around fruits or nuts, allow the following number of days before harvesting:

- Citrus (citron, grapefruit, lemon, lime, mandarin, orange, tangelo and tangerine) 1 day.
- Nuts (almond, beechnut, cashew, chestnut, hazelnut, pecan, pistachio and walnut) 3 days.
- Apple, avocado, banana (plantains), berries (except cranberries), dates, figs, grapes, kiwi fruit, loquat, passion fruit, pear, persimmon, pomegranate and quince – 14 days.
- · Apricot, cherries, nectarine, olives, peach, plum and prunes- 17 days.

(OR)

[The following statement may instead be placed in the When To Apply section] If
used to control weeds around fruit or nut trees, caneberries or grapevines, allow 17
days before harvesting.

[OPTIONAL SECTION]

KILLS ALL TYPES OF WEEDS & GRASSES [OPTIONAL ILLUSTRATION]

Weeds (including): Artichoke thistle, beggarweed, black medic, blue mustard, blue toadflax, brassbuttons, broadleaf plantain, burclover, buttercup, Canada thistle, cattail, chickweed, cocklebur, common groundsel, common mullein, common plantain, common ragweed, creeping beggarweed, creeping-charlie, curly dock, dandelion, dog fennel, evening primrose, false dandelion, fiddleneck, field bindweed (wild morningglory), field pennycress, filaree, Florida pusley, garden spurge, henbit, horsenettle, horseradish, horseweed/ marestail, iceplant, knapweed, knotweed, lambsquarters, lantana, little bittercress, London rocket, mallow, mayweed, milkweed, mouseear chickweed, narrowleaf (buckhorn) plantain, nightshade (silverleaf), oldenlandia, oxalis, Pennsylvania smartweed, pennywort, poison hemlock, prickly lettuce, primrose, prostrate spurge, puncturevine, ragweed, red clover, redroot pigweed, shepherdspurse, smooth catsear, smooth pigweed, sowthistle, spotted spurge, tansy ragwort, tansymustard, teaweed, trumpetcreeper, tumble mustard, Virginia creeper, white clover, whitetop, wild barley, wild mustard, wild oats, wild sweet potato, yellow starthistle, and other broadleaf weeds

Grasses (including): Annual bluegrass, annual ryegrass, bahiagrass, barnyardgrass, bentgrass, Bermudagrass, bromegrass, Cogongrass, crabgrass, creeping bentgrass, dallisgrass, fall panicum, fescue, field sandbur, foxtail, goosegrass, guineagrass, Johnsongrass, Kentucky bluegrass, kikuyugrass, lovegrass, maidencane, nimblewill, nutsedge, orchardgrass, pampas grass, perennial ryegrass, purple nutsedge, quackgrass, sandspur, smooth bromegrass, sprangletop, St. Augustinegrass, tall fescue, Texas panicum, Timothy, torpedograss, vaseygrass, witchgrass, yellow nutgrass, zoysia and other grassy weeds

Brush (Tough Weeds) Unwanted Tress, Shrubs & Vines (including):

Alder, ash, (quacking) aspen, bamboo, blackberry, bluegum eucalyptus, broom (French, Scotch), buckwheat, ceanothus, chamise, cherry, coyote brush, dewberry, elderberry, elm, eucalyptus, giant reed, hawthorn, hazel, honeysuckle, kudzu, locust, madrone, maple, oak, persimmon, poison oak, poison ivy, poplar, raspberry, sage, sagebrush, salmonberry, saltcedar, sassafras, sumac, sweetgum, tan oak, thimbleberry, tree tobacco, wild rose (multiflora) willow and other tough weeds

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EPA Master Label Amendment Submission Dated 27-Mar-2006 Previous EPA Stamped Label Dated 16-Sep-2004 7

STORAGE AND DISPOSAL [TRASH CAN ILLUSTRATION]

PESTICIDE STORAGE: Store product in original container in a safe place away from direct sunlight.

DISPOSAL: If Empty: Do not reuse this container. Place in trash or offer for recycling if available. If Partly Filled: Call your local solid waste agency or 1-800-CLEANUP (or other appropriate toll free number) for disposal instructions. Never place unused product down any indoor or outdoor drain.

HOW TO REFILL ROUNDUP READY-TO-USE CONTAINERS [OPTIONAL SECTION]

- 24 fl oz Roundup Weed & Grass Killer Ready-To-Use Plus:
 To empty container add 1 fl oz of Roundup Super Concentrate then fill with water very slowly to avoid foaming.
- ½ Gallon Roundup Weed & Grass Killer Ready-To-Use Plus:
 To empty container add 2½ fl oz of Roundup Super Concentrate then fill with water very slowly to avoid foaming.
- Gallon Roundup Weed & Grass Killer Ready-To-Use Plus:
 To empty container add 5 fl oz of Roundup Super Concentrate then fill with water very slowly to avoid foaming.
- 1.33 Gallon Roundup Weed & Grass Killer Ready-To-Use Plus:
 To empty container add 6.5 fl oz of Roundup Super Concentrate then fill with water very slowly to avoid foaming.
- 6L Roundup Weed & Grass Killer Ready-To-Use Plus:
 To empty container add 8 fl oz of Roundup Super Concentrate then fill with water very slowly to avoid foaming.
- 2 Gallon Roundup Weed & Grass Killer Ready-To-Use Plus:
 To empty container add 10 fl oz of Roundup Super Concentrate then fill with water very slowly to avoid foaming.

PRECAUTIONARY STATEMENTS [OPTIONAL ILLUSTRATION]

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION: Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

71995-25

EPA Master Label Amendment Submission Dated 27-Mar-2006 Previous EPA Stamped Label Dated 16-Sep-2004

	FIRST AID			
IF IN EYES	 Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eyes. Call a poison control center (insert contact #) or doctor for treatment advice. 			
	Emergency Medical Information			
You r	the product container or label with you when calling a poison of center or doctor, or going for treatment. may contact (insert contact #) for emergency medical treatment nation.			
• This 25	product is identified as [Insert brand name], EPA Reg. No. 71995-			

ENVIRONMENTAL HAZARDS: Do not apply directly to water. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions.

This product is protected by U.S. Patents No. [Insert relevant patent numbers]. Other patents pending. No license granted under any non-U.S. patent(s).

This is an end-use product. Monsanto does not intend and has not registered it for reformulation or repackaging.

[phone icon]	Questions, Con	nments or Information	[computer icon]
	Call (insert contact #)	www.roundup.com	

[Insert relevant trademark statements].

[OPTIONAL TEXT]

71995-25

EPA Master Label Amendment Submission Dated 27-Mar-2006 Previous EPA Stamped Label Dated 16-Sep-2004

ROUNDUP FAMILY OF PRODUCTS

Visit the Roundup website to learn more about the Roundup family of products for the best solution to your toughest weed problems.

[Insert graphic - Roundup product family photo]

©[___] MONSANTO COMPANY

Manufactured for Monsanto Company, Lawn & Garden Products P.O. Box 418 Marysville, OH -43041 PPN EPA Reg. No. 71995-25 EPA Est. 239-IA-3¹, 58996-MO-1^A Superscript is first letter of lot number Made in USA

APPENDIX 1 – Consolidated List of Label Claims [Ordered alphabetically]

- 20% more concentrated
- 20% stronger
- 20% stronger to speed absorption to the root
- Absorbed into both broadleaf and grassy weeds
- Absorbs on contact, starts working immediately
- Also use for large jobs such as lawn renovation and vegetable and flower garden preparation
- Approved for most (many) lawn and garden uses.
- · Before [weed graphics] / After [weed graphics]
- Begins absorbing on contact
- · Best Roundup Concentrate Value
- Can be used around (small) fruits and vegetables
- Can be used for habitat restoration, controlling exotic vegetation, and for site preparation of wildlife food plots.
- · Can reseed or sod lawns 3 days after treatment
- · Concentrated for extra value
- Consumer Guarantee: If for any reason you are not satisfied after using this product, simply send us original proof of purchase and we will replace the product or refund the purchase price.
- Covers up to 300 sq ft per gallon of spray
- Dead Weeds Guaranteed (or Your Money Back)
- · Does not have soil activity
- Economical (concentrate formula)
- Easy to apply with an Ortho Dial 'n Spray®, hose-end, tank or (hand held) trigger sprayer
- Even if it rains Roundup won't lose its effectiveness
- Exclusive Roundup formula
- FastAct™ (Technology)
- · For control that doesn't (won't) wash away
- For general weed control kills weeds and grasses in 2 to 4 weeks roots and all
- Guaranteed
- Guaranteed same effective results even if it rains within an hour (hours)
- Improved extra strength formula
- · Improved formula, completely kills even the toughest weeds and grasses
- Improved formulation -now RainFast fast uptake
- · Kills almost all (annual and perennial) weeds, grasses and other unwanted plants
- · Kills existing weeds only, no residual activity in soil
- Kills more weeds in more places

- Kills over 100 weeds
- . Kills the root so weeds don't come back
- · Kills the roots of (both) broadleaf and grassy weeds
- . Kills the weed you see and the root you don't
- Kills (to) the root(s)! (Guaranteed!)
- Kills unwanted weeds and grasses, roots and all
- Kills weeds in flowerbeds, around trees, shrubs and fences, and on patios, paths, sidewalks, sidewalk cracks, walkways, driveways, and other areas in your yard.
- . Kills weeds, roots and all
- · Lawns and gardens can be reseeded or planted soon after treatment
- · Make only what you need
- Multipurpose grass and broadleaf weed control
- NEW!
- No odor
- · No root. No weed. No problem.
- NOW!
- · Now a shorter wait for replanting!
- Once it enters the plant, it won't wash off
- Ornamental gardens can be reseeded or planted 1 day after treatment.
- Only Roundup's effectiveness (exclusive formula) won't be washed away by rain or watering (30, 45, 60, 90 minutes; 2 hours, 1 hour; less than 1 hour; less than 60 minutes; less than 30 minutes) after treatment
- RAINPROOF (RAINFAST) in (30, 45, 60, 90 minutes; two hours, 1 hour; less than 1 hour; less than 60 minutes; less than 30 minutes)) (for control that won't wash away)
- Results in 24 hours
- (Roundup) Kills the weed you see and the root others leave behind
- Roundup kills weeds and grasses in Patios Driveways Sidewalks Gardens and other non-lawn areas
- Satisfaction guaranteed or we will gladly refund purchase price
- Satisfaction guaranteed or your money back with proof of purchase
- Speeds absorption to the root for complete kill
- Spray weeds (Use) in flowerbeds, around trees, shrubs and around fences, and on patios, paths, sidewalks, sidewalk cracks, walkways, driveways, and other areas in your yard
- Starts working immediately
- Stronger
- The Strongest Roundup you can buy
- Tougher formula
- Transorb technology speeds Roundup to the root to kill even tough weeds
- Trusted Results for Guaranteed Satisfaction
- Use around fruits and vegetables.
- (Use) For Bamboo Control

. (Use) For Brush Control

- (Use) For General Weed Control: Use along fences, paths, patios, sidewalks and driveways, around trees, shrubs, ornamental plantings, flowerbeds, and buildings, and in brick and gravel walkways. Use to trim and edge landscape areas
- (Use) For Landscaping: Use to prepare areas for planting of ornamentals, trees, shrubs, desert landscapes, rock gardens, flowerbeds or similar plantings
- Use for large jobs like garden plot preparation and lawn replacement (renovation)

(Use) For Lawn Renovation

 (Use) For Spot Spraying: Use in and around flowerbeds, ornamental, fruit and nut trees, grapevines, shrubs, fences, driveways and walkways

(Use) For Stumps

- (Use) For Wildlife Areas: Use to prepare areas for planting wildlife food. Exotic or undesirable plants can be controlled to allow for planting or recovery of native plant species. Spot treatments can be made to selectively remove unwanted plants.
- (Use in) Apply with a Big Shot™ Multi-Purpose Sprayer or other tank sprayer, Ortho Dial 'n Spray® or other hose-end sprayer, or a (hand held) trigger sprayer
- Use to prepare sites: for large plantings, for planting flowerbeds, fruit trees, ornamentals, vegetables and gardens, and for renovating lawns

Use to refill Roundup Ready-To-Use containers

- Visible effects are gradual wilting and yellowing advancing to complete browning and root destruction
- Visible results in 2 to 4 days (hours)
- Water based formula
- . (Weeds) start dying in 1 day (24 hours)
- Won't wash away (off)
- · Works first time, every time- guaranteed
- · Works only when absorbed by the foliage of weeds
- [Promotional options]
- Free [] with this purchase of Roundup concentrate quart
- [X] % Free (More)
- FREE REFILL
- FREE SAMPLE
- Free weed guide inside
- SAMPLE NOT FOR SALE
- Save up to \$[x] on (your) next purchase

APPENDIX 2 – Packaging Related Claims

```
NET xx fl oz (qt or gal) (xx mL or L)
       5 fl oz (148 mL)
       6 fl oz (177 mL)
       6.5 fl oz (192 mL)
       8 fl oz (237 mL)
       13 fl oz (384 mL)
       16 fl oz (1 pt) (473 mL)
       32 fl oz (1 qt) 946 mL)
      40 fl oz (1.18 L)
       53.7 fl oz (0.42 gal) (1.59 L)
       64 fl oz (1.89 L)
       128 fl oz (1 gal) (3.79 L)
```

[Net contents] Makes up to 'X' gallons

Makes between 'X' and 'Y' gallons

Mix with water to make 'X' gallons of spray solution

Treats (covers) up to 'Z' sq ft (approximate size of XX tennis court)

Mix with water to cover up to 'Z' sq ft

[X = net contents + 1.5]

 $[Y = net contents \div 2.5]$

[Z = X * 300]

 $[XX = Z \div 2808]$

[Pint] Makes up to 10 gallons

Makes between 6 - 10 gallons

Mix with water to make 10 gallons of spray solution

Covers up to 3,000 sq ft

Mix with water to cover up to 3,000 sq ft

[Quart] Makes up to 21 gallons

Makes between 12 - 21 gallons

Mix with water to make 21 gallons of spray solution

Covers up to 6,300 sq ft

Mix with water to cover up to 6,300 sq ft

[0.42 Gallon] Makes up to 35 gallons

Makes between 21 – 35 gallons

Mix with water to make 35 gallons of spray solution

Covers up to 10,500 sq ft

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Previous EPA Stamped Label Dated 16-Sep-2004

Mix with water to cover up to 10,500 sq ft

[Gallon]

Makes up to 85 gallons

Makes between 51 - 85 gallons

Mix with water to 85 gallons of spray solution

Covers up to 25,500 sq ft

Mix with water to cover up to 25,500 sq ft

- New! Larger size, covers up to [] sq ft
- BONUS SIZE [] % MORE!
- Value sized
- With (the convenient) measuring cup, mixing [Insert brand name] (controlling weeds around your home) has never been easier
- With (the convenient) measuring cup, controlling weeds all around your home has never been this fast and easy

Description of Changes for 071995-00025.20060327.pdf

This label amendment incorporates the following changes:

- Updated Reentry Statement
- Updated First Aid
- Updated Environmental Hazards
- Updated Appendix 1

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DA FOR 1679-1 (1-75)

Fee for Service



This package includes the following	for Division
○ New Registration	○ AD ○ BPPD ● RD
□ Studies? □ Fee Waiver? □ volpay % Reduction:	
Receipt No.	S- 792338
EPA File Symbol/Reg. No.	71995-25
Pin-Punch Date:	3/28/06
This item is NOT subject Action Code: Requested: Granted: Amount Due: \$	to FFS action. Parent/Child Decisions
Human Studies:	Cite-All Selective Support
Tox (excluding Six-Pack)	
Other Human Research (efficacy, expos	sure, etc.)
Reviewer: Rhuman	Date: 3-30-9
Remarks:	

NON - FEE

€EPA

United States

Environmental Protection Agency Washington, DC 20460

Registration

Amendment

OPP Identifier Number

	VVe	ishington, DC	20460		Other	1	303919
	Applic	ation for I	Pesticide -	Section I			
Company/Product Number Monsanto Company, Lawn	Marron III III		2. EPA Produ			3. Proposed	Classification
Company/Product (Name) Monsanto Company, Lawn & Garden Products; Roundup [®] Weed & Grass Killer Super Concentrate			PM# No				Restricted
5. Name and Address of Applican Monsanto Company, I 1300 I (Eye) St., N.W. Washington, DC 2000 Check if this is a new addres	awn & Garden Pro , Suite 450 East 5	ducts	product is sim EPA Reg. N	ed Review. In according or identical in control o.	mposition and I	abeling to:	
		Sec	tion – II				
Resubmission in Notification – Exp Explanation: Use additional pa PRIA address: REGULATO Submission of Master la	response to Agency letter of lain below. ge(s) if necessary. (For Se DRY.AFFAIRS@MON	ection I and Sec		Final printed label Agency letter date "Me Too" Applicat Other – Explain be	ed ion.	to	
		Sec	tion – III				
1. Material This Product Will Bo	Packaged In:			atom a comme			
Child-Resistant Packaging Yes* No * Certification must be submitted	Unit Packaging Yes No If "Yes" Unit Packaging wgt.	No. per Container	Water Soluble Yes No If "Yes" Package wgt.	Packaging No. per Container	2. Type of Co	c	
Label Contents Inform Container	ation	4. Size(s) Ret	ail Container		ocation of Labe On Label On Labeling a		g product
6. Manner in Which Label is Affixe	d to Product	Lithogra Paper gl	lued d	Other			
			tion – IV				
Contact Point (Complete items of Name Russell Schneider, P		Title		atory Affairs DC	Teleph		olude Area Code) 3-2866
I certify that the statements I I acknowledge that any know both under applicable law.	have made on this form an					F	Date Application Received
2. Signature 3. To Rhouda U. Manniaults				n Manager		``	
Typed Name Rhonda. M. Mannion	Tel. (314) 694-8	5. Date	e 27 March 2	2006	AIN		::::-



March 27, 2006
HAND DELIVERED

MONSANTO COMPANY

ISOO I (EVE) STAFFT, NW SUITE 450 EAST WASHINGTON, D.C. 20005 PHONE [202] 389-2866 FAX (202) 789-1748 http://www.monsanto.com

Document Processing Center (AMEND)
Office of Pesticide Programs
U.S. Environmental Protection Agency
Room 266A, Crystal Mall 2,
1801 South Bell Street
Arlington, VA 22202-4501

Attention:

Mr. James Tompkins (7504C) Product Manager (Team 25)

Subject:

Submission of Amended Master Label (EPA Reg. No. 71995-25)

Roundup® Weed & Grass Killer Super Concentrate

Dear Mr. Tompkins:

Monsanto is herein submitting to the Agency an amended Master Label for Registration Number 71995-25. The revised Master Label incorporates the following changes:

- Modified Reentry statement to be consistent with reentry statement in our Roundup professional products such as Roundup Pro Concentrate (EPA Reg. No. 524-529).
- Updated First Aid
- Updated Environmental Hazards
- Updated Appendix 1

This submission is classified as part of the Agency Fast-Track Program. Therefore, no fee is due.

The following documents are enclosed with this letter:

- Application for Pesticide (form 8570-1)
- CD-Rom containing this cover letter, required forms, and the electronic label (filename: 071995-00025.20060327.pdf)
- Certification with Respect to Label Integrity
- Three copies of the amended Master Label

Should you have any questions, please contact Dr. Russ Scheider at our Washington office (202)383-2866, or me directly at (314) 694-8785 or via email at rhonda.m.mannion@monsanto.com.

Sincerely,

Rhonda M. Mannion /ts

Rhonda M. Mannion Registration Manager

cc: Russ Schneider File copy

Certification with Respect to Label Integrity

Version: 9/11/02

I certify that the information (including, but not limited to, text, tables, and graphics) contained in the electronic file identified below by file name and submitted with this certification is the same information as that on the paper copies of these documents included with this submission.

PROPOSED LABEL		
EPA Registration #	Date Submitted to EPA	Electronic file name
071995-00025	03/27/2006	071995-00025.20060327.pdf

I certify that the statements that I have made on this form are true, accurate, and complete. I acknowledge that any knowingly false or misleading statements may be punishable by fine or imprisonment or both under applicable law.

Rhonda M. Mannion
Name (typed)

Registration Manager
Title

